FIG. 1

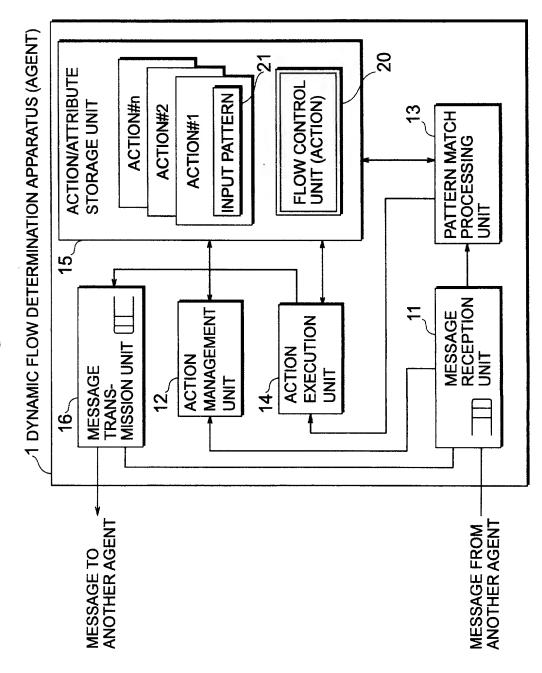


FIG. 2

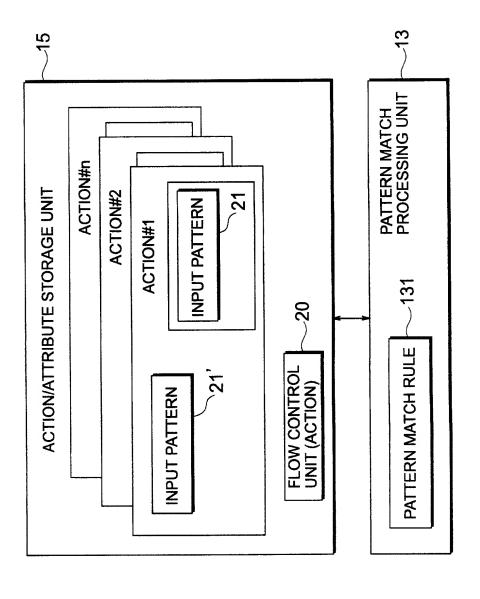


FIG. 3

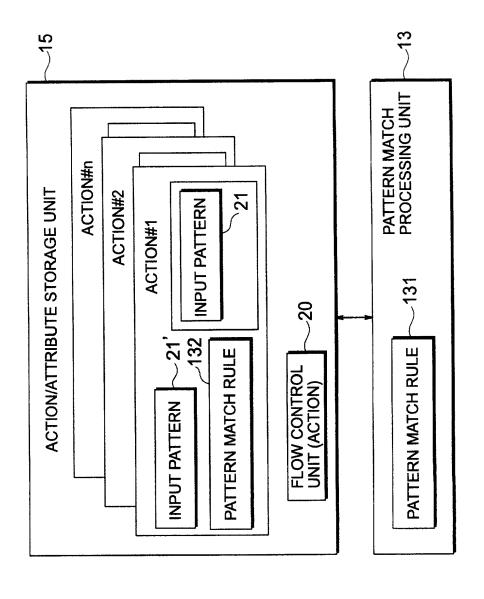


FIG. 4

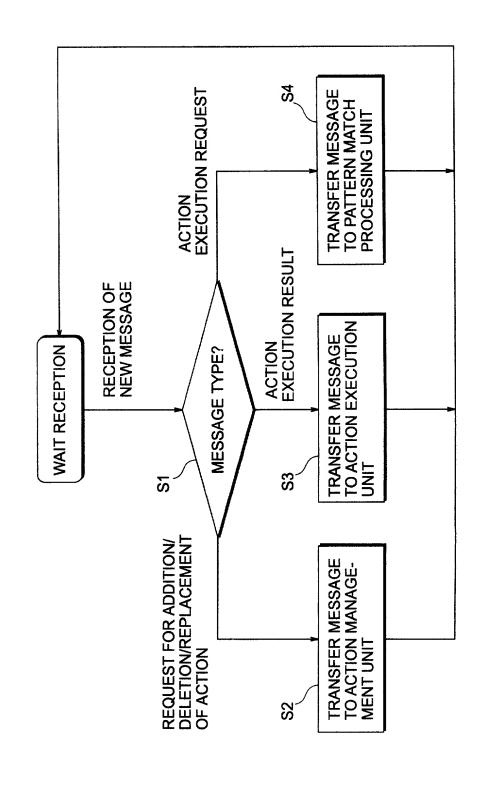


FIG. 5

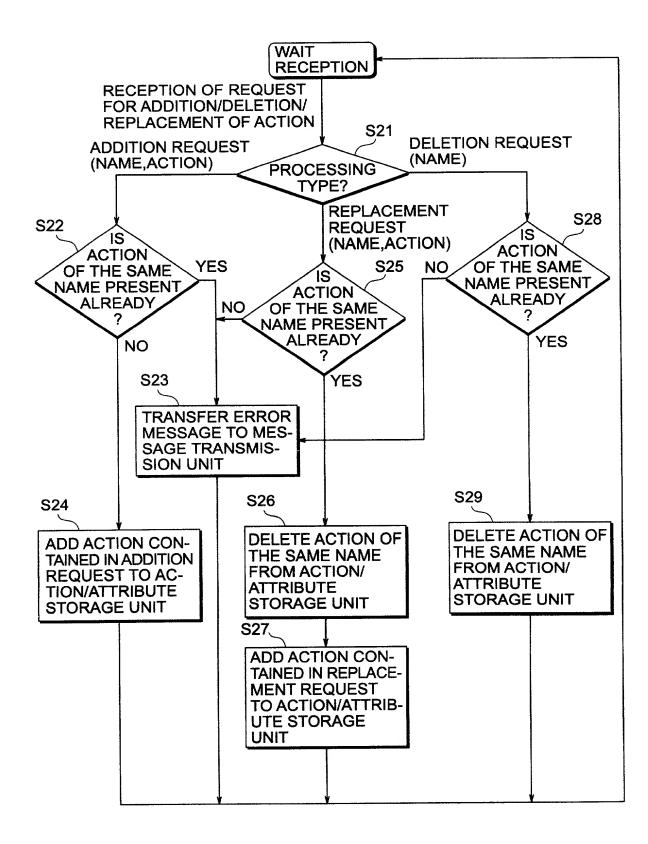
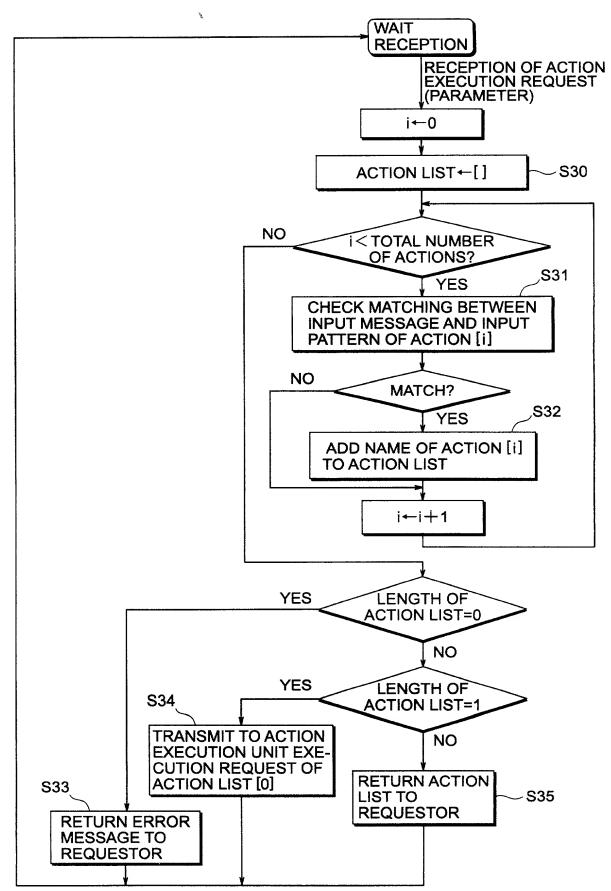


FIG. 6



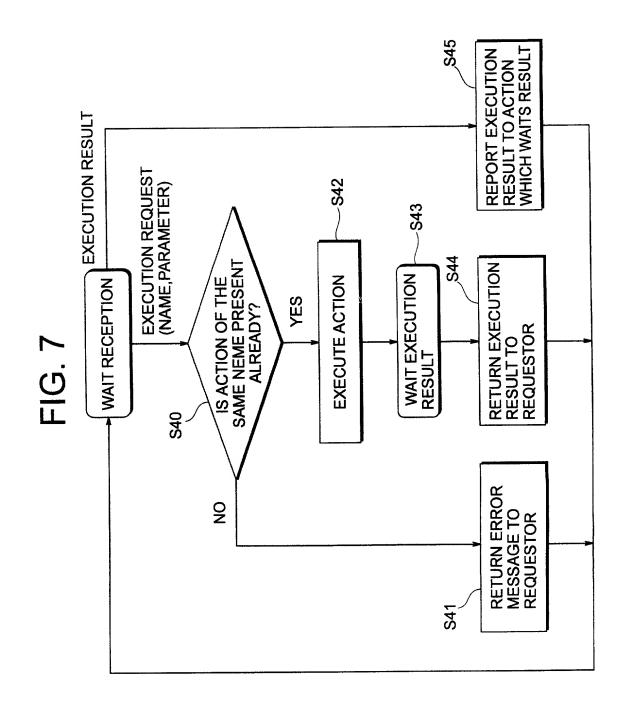
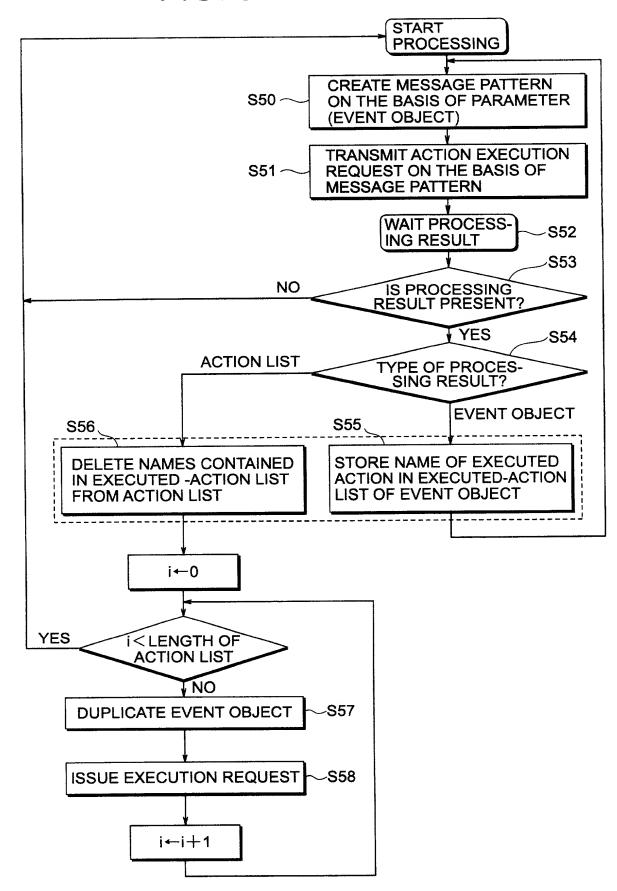


FIG. 8



• •

FIG. 9

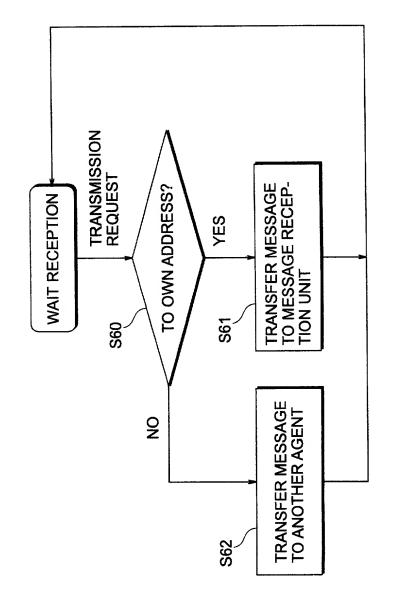


FIG. 10A

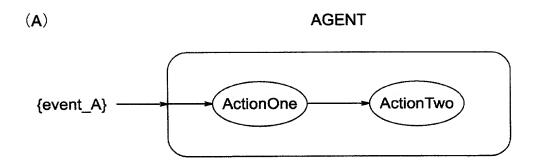


FIG. 10B

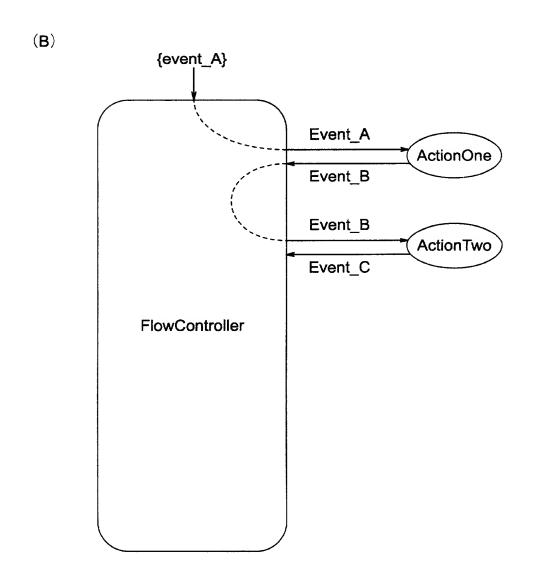


FIG. 11A

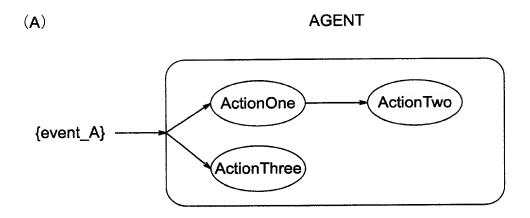


FIG. 11B

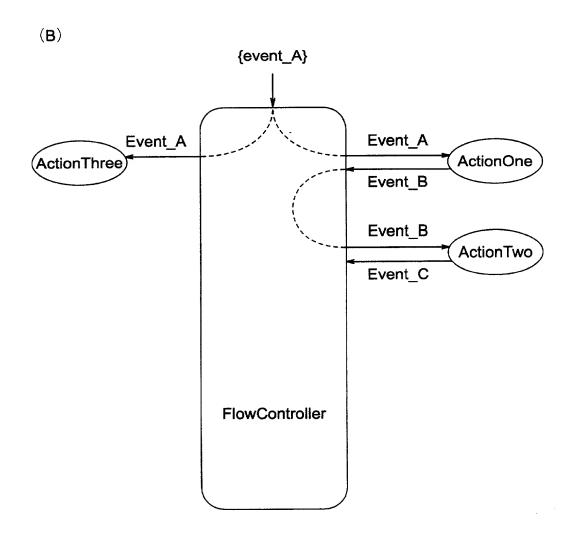


FIG. 12A

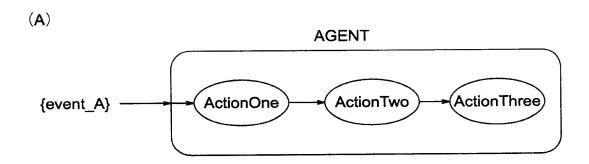


FIG. 12B

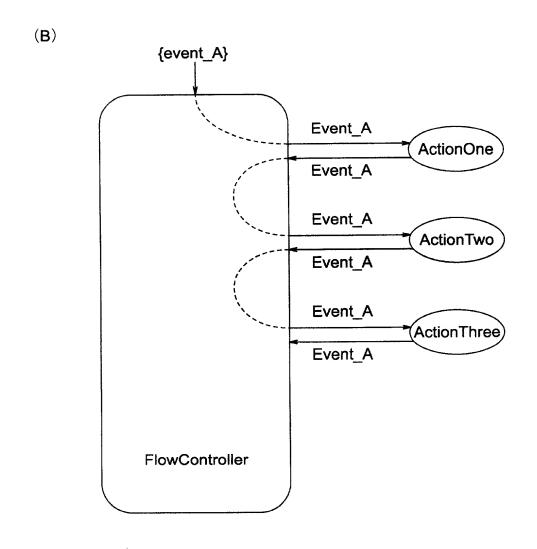


FIG. 13A

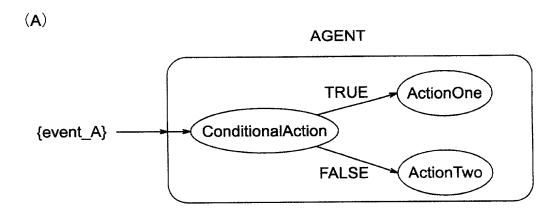
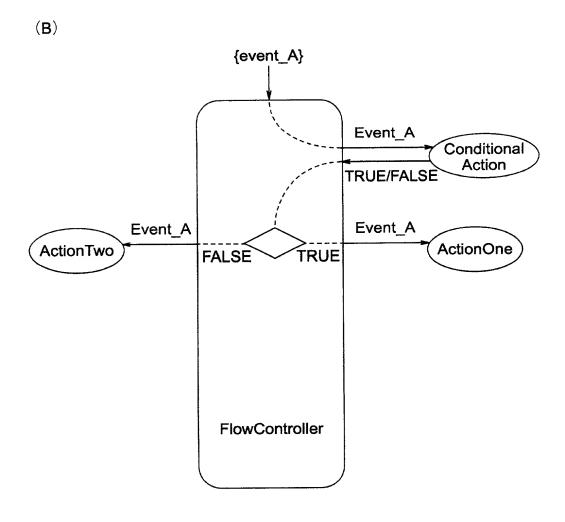


FIG. 13B



....

FIG. 14

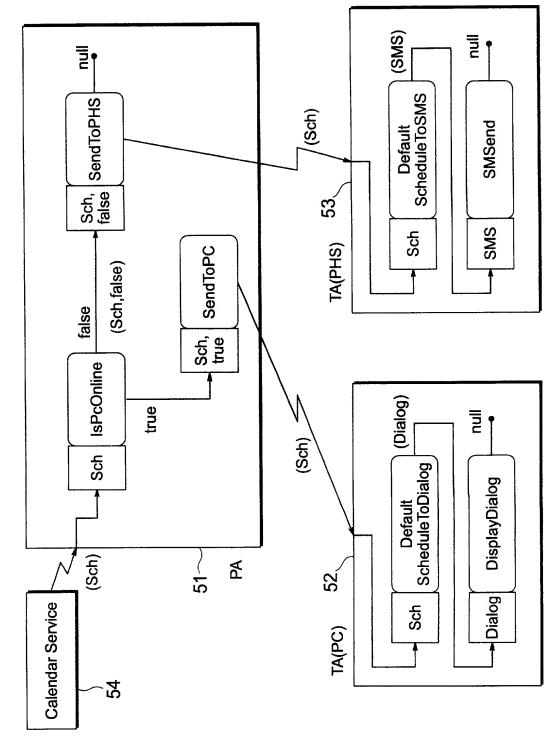


FIG. 15

Source object

```
void addEventListener(Listener 1){
    listeners.add(1);
}

void removeEventListener(Listener 1){
    listeners.remove(1);
}

//Runtive phase
while (true) {
    if (status_changed){
        Event ev=.... // prepare event
        for each listener in listener
        listener.action(ev);
    }
}
Vector listeners;
```

Listener object

```
void action(Event ev){
}

:
// Initialization phase
Source s= ..... // obtain source rcfs.
s.addBarListeners(this);
:
```

FIG. 16

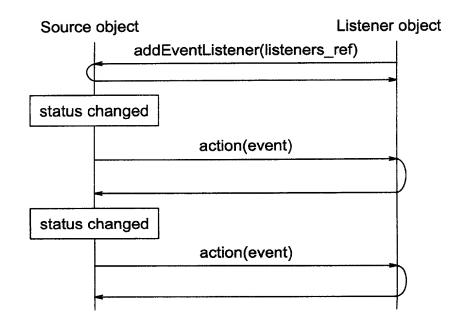


FIG. 17

void add (String name, Object value) { // add new attribute value or action } void remove (String name) { // remove an attribute value or action } void call (Object []message) { // select and execute the actions // that match the received message } Attributes and Action Memory attributes actions "event.listeners" Hashtable

Listener agent

void add (String name,Object value){ // add new attribute value or action }
void remove (String name){ // remove an attribute value or action }
void call (Object []message){ // select and execute the action // that match the received message }
Attributes and Action Memory
attributes actions "EventHandler" Action(Event) ()

FIG. 18

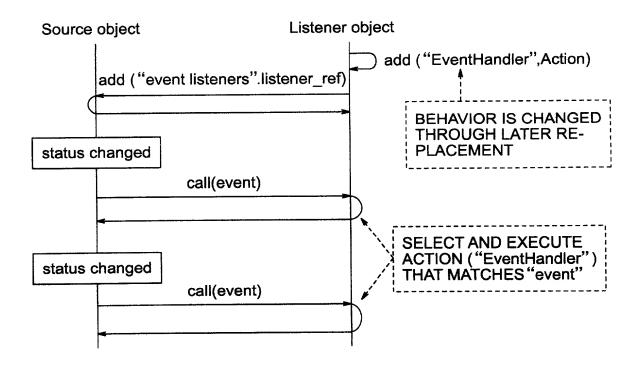


FIG. 19

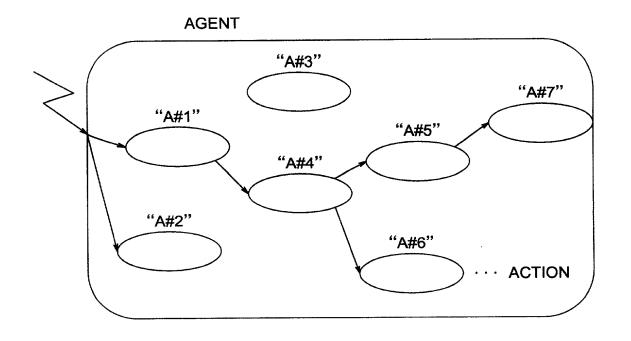


FIG. 20

